

# Arizona

## Department of Transportation



*The Arizona Department of Transportation (ADOT) is a multi-modal transportation agency in one of the fastest growing areas of the country, responsible for planning, building and operating a complex highway system in addition to building and maintaining bridges and the Grand Canyon Airport. A major component of the organization is the Motor Vehicle Division which provides title, registration and driver license services to the general public throughout the state of Arizona. ADOT also publishes the award-winning Arizona Highways magazine. It takes many different kinds of people to keep transportation moving! ADOT values its employees, challenges them to continuously improve the way we do business, to meet and exceed the needs of our customers, and to carry out their duties in an ethical manner.*

### BRIDGE INSPECTION ENGINEER I

\$64,560-\$88,804

(Bridge Group/Management Section)

Work Location: 205 S. 17th Avenue / Phoenix, AZ

**Position Description:** The employee in this position leads the bridge inspection team in performing statewide bridge inspections on established schedules as per NBIS and ADOT policies and practices. Writes bridge inspection reports and recommends required bridge repairs and maintenance works. Updates bridge inventory data. Communicates with internal/external customers on various bridge issues. Uses Project Management Process to develop bridge repair projects. Digitizes bridge inspection report documents using Integrated Document Management System (IDMS). Is familiar with performing/reviewing encroachment/overload permits. Occasionally reviews and comments on the work of other engineers and consultants. Operates/uses Bridge Management System and generates various bridge reports. Occasionally completes bridge evaluations and researches bridge data. WEEKLY STATEWIDE TRAVEL IS REQUIRED.

#### Knowledge, Skills, and Abilities:

##### KNOWLEDGE of:

- \*Principles and practices of civil engineering as applied to design, development, construction and maintenance of state highway system.
- \*Understanding of National Bridge Inspection Standards (NBIS), Recording and Coding Guide for Structure Inventory and Appraisal (SI&A) for National Bridges, Bridge Inspector's Reference Manual (BIRM), and the Manual for Condition Evaluation of Bridges.
- \*Project management and procurement processes.
- \*Methods, procedures and techniques utilized in management resources.
- \*Computer applications as they pertain to area of assignment.

##### SKILLS in:

- \*Interpretations and application of Federal, State and agency laws, rules, regulations, policies and procedures pertaining to work activities, safety practices and public relations.
- \*Research techniques related to highly complex assignments.
- \*Work leadership and training.
- \*Work independently and make sound judgments.
- \*Effective communications both verbally and written.

##### ABILITY to:

- \*Interact with public, ADOT personnel, and other agencies

**Ideal candidate:** Experience in one or more of the following fields: bridge inspection, bridge management systems, bridge design/analysis, project management, bridge computer applications. The successful candidate will have effective written and oral communication skills and will have demonstrated leadership skills.



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### Note:

\*Candidate must have State of Arizona registration as Professional Engineer (PE) or eligible for reciprocity in the state of Arizona.

All newly hired employees are subject to the E-Verify Employment Eligibility Verification Program.

*The State of Arizona provides an excellent comprehensive benefits package, including a top-ranked retirement plan, low-cost health coverage, supplemental policies such as dental, vision and short-term disability. A generous leave program is offered which includes 12-21 days vacation (based upon years of service), 10 paid holidays and 12 days of sick leave. Our work environment offers multiple training opportunities and encourages career development.*

**NOTE:** For more detailed information and to apply online, go to Arizona's State Jobs website [www.azstatejobs.gov](http://www.azstatejobs.gov). Search for jobs using key word ADOT and scroll to find job title **Bridge Inspector Engineer, # 44013**. Click on the job to see a complete description and then click on the "Apply" button. Should you need additional information please email [RMartinez4@azdot.gov](mailto:RMartinez4@azdot.gov) call at 602-712-7425. **Closing Date: June 24, 2008.**